

Myton, Utah 84052 (435) 646-4825, FAX: (435) 646-3031

March 17, 2008

State of Utah Division of Oil, Gas & Mining Attn: Diana Mason 1594 West North Temple - Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Ute Tribal 9-21-4-1 Ute Tribal 5-22-4-1 Ute Tribal 12-22-4-1

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

MAR 2 8 2008
DIV. OF OIL, GAS & MINING

also orrelations. Form 3160-3 " FORM APPROVED (September 2001) OMB No. 1004-0136 Expires January 31, 2004 **UNITED STATES** 5. Lease Serial No. DEPARTMENT OF THE INTERIOR 2OG0005609 **BUREAU OF LAND MANAGEMENT** 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. la. Type of Work: **⊠** DRILL ☐ REENTER N/A العمروني 8. Lease Name and Well No. ☑ Oil Well ☐ Gas Well ☐ Other Single Zone Multiple Zone .Ib. Type of Well: Ute Tribal 5-22-4-1 Name of Operator 9. API Well No. 12-013-33943 Newfield Production Company 3a. Address 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory (435) 646-3721 Route #3 Box 3630, Myton UT 84052 un dessirette 4. 1/L acation of Well (Report location clearly and in accordance with any State requirements.\*)

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1. 1/L acation of Well (Report location clearly and in accordance with any State requirements.\*) 11. Sec., T., R., M., or Blk. and Survey or Area 2114' FNL 559' FWL 586124X At surface SW/NW Sec. 22, T4S R1W SW/NW 44415704 -109.989279 At proposed prod. zone 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office\* UT Approximatley 11.4 miles southeast of Myton, Utah Duchesne Distance from proposed\* 16. No. of Acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 526' f/lse, NA' f/unit 40 Acres NA Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth 20. BLM/BIA Bond No. on file NA WYB000493 6920' 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start\* 23. Estimated duration 2nd Quarter 2008 Approximately seven (7) days from spud to rig release 5098' GL April 1 Sec. 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (sec Item 20 above). 2. PA Drilling Plans 36 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). Operator certification. Such other site specific information and/or plans as may be required by the authorized officer. 25. Signature Name (Printed/Typed) Mandie Crozier 2/22/08 14. 17 Title Regulatory Specialist Approved by (Signatu Name (Printed/Typed) BRADLEY G. HILL Title Officenvironmental Manager Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false; fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Federal Approval of this \*(Instructions on reverse) Action is Necessary with Wall Moldon of the 2. The Licentifical Floor of . SUPO shall be far At ordain 37 DIV OF OIL, GAS & MINING 25. Signature

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AGE STREET

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# **T4S**, **R1W**, **U.S.B.&M**.

1/2" Rebar in 2642.24' (Measured)
S89'58 W — 80.00 (G.L.O.)
Pile of Stones
S89'58 W — 80.00 (G.L.O.)

Aluminum Cap
Marked
PLS 148953

5/8" Rebar in Pile of Stones at Fence Corner

DRILLING WINDOW

559'

(G.L.0.)

S0.02'E

WELL LOCATION: WELL 5-22-4-1W

ELEV. UNGRADED GROUND = 5098.0'

N89°53'W - 80.24 (G.L.O.)

**•** 

= SECTION CORNERS LOCATED

BASIS OF ELEV;

U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

WELL 5-22-4-1 (Surface Location) NAD 83 LATITUDE = 40° 07' 19.37" LONGITUDE = 109° 59' 23.93"

(C.L.O.)

# NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WELL 5-22-4-1W, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 22, T4S, R1W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT OHE ABOVE PLAT WAS PREPARED FROM FIELD OF ACTUME SURVEYS MADE BY ME OR UNDER ANY SUPPRESSION AND THAT THE SAME ARE TRUE AND FORRECT TO THE BEST OF MY KNOWLEDGE AND FOLIABLE NO.189377

RECISTRA DON (No. 1993-2007)
STACY W. 8

RECISTRA DON (No. 1993-2007)
STATE OF USAMA 7E OF USAMA

# TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

( /	
DATE SURVEYED: 12-7-07	SURVEYED BY: C.M.
DATE DRAWN: 12-17-07	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

## NEWFIELD PRODUCTION COMPANY **UTE TRIBAL 5-22-4-1** SW/NW SECTION 22 T4S, R1W DUCHESNE COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### **DRILLING PROGRAM**

#### GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 1.980'1,980' Green River TD 6,920'

# ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

1.980' - 6.920'Green River Formation (Oil)

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form Report of Water Encountered is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature Hardness pН

Water Classification (State of Utah) Dissolved Calcium (Ca) (mg/l) Dissolved Iron (Fe) (ug/l) Dissolved Sodium (Na) (mg/l) Dissolved Magnesium (Mg) (mg/l) Dissolved Carbonate (CO<sub>3</sub>) (mg/l)

Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l) Dissolved Sulfate (SO<sub>4</sub>) (mg/l) Dissolved Total Solids (TDS) (mg/l)

Dissolved Chloride (Cl) (mg/l)

# 4. PROPOSED CASING PROGRAM

a. Casing Design: Ute Tribal 5-22-4-1

Size	Interval 🕮		Weight Grade	A	Design Factors					
of OIZE	Тор	Bottom (	vveigiit	Grade	Coupling	Burst	Collapse	Tension		
Surface casing	0'	300'	24.0	1.55	CTC	2,950	1,370	244,000		
8-5/8"	١	300	24.0 J-55	STC	17.53	14.35	33.89			
Prod casing	5	0.0001	45.5	45.5				4,810	4,040	217,000
5-1/2"	0'	6,920'	15.5	J-55 L	J-55 LTC	2.18	1.83	2.02		

#### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

o. Cementing Design: Ute Tribal 5-22-4-1

Mark the second	Fill is	Description	Sacks	ОН	Weight	Yield
Job	FIII E	Description	ft³	Excess*	(ppg)	(ft³/sk)
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
Surface casing 500	300	Class G W/ 270 CaCl	161	30 70	15.6	1.17
Prod casing	4,920'	Prem Lite II w/ 10% gel + 3%	340	30%	11.0	3.26
Lead	4,920	KCI	1108	3076	11.0	3.26
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24
Tail	2,000	KCI	451	30 /0	14.5	1.24

- \*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

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The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

# MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The Company's Class 2M minimum specifications for pressure control equipment for a standard Monument Butte development well are as follows:

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and either an annular preventer or a rotating head. If no annular preventer is used, ram blocks will be changed to match the outside diameter of casing and the stack will be retested prior to running any casing string.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Choke Manifold - The minimum equipment requirements are shown in Exhibit C. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±3200 feet will be drilled with either fresh water or an air/mist system, depending on the drilling contractor's preference. From about 3200 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will visually monitor pit levels and flow from the well during drilling operations.

# 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

#### a. Logging Program:

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DLL:

TD - 3,200'

CBL: A cement bond log will be run from TD to the cement top of the production casing. A field copy will be submitted to the Vernal BLM Office.

b. Cores: As deemed necessary.

c. Drill Stem Tests: No DSTs are planned in the Green River.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

# 9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

#### a. Drilling Activity

**Anticipated Commencement Date:** 

Drilling Days: Completion Days:

X .

Upon approval of the site specific APD.

Approximately 7 days.

Approximately 10 - 14 days.

#### b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without

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prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval

Ten Point Well Program
Thirteen Point Well Program
Page 7 of 13

will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 5-22-4-1 SW/NW SECTION 22 T4S, R1W DUCHESNE COUNTY, UTAH

#### THIRTEEN POINT SURFACE PROGRAM

# 1. **EXISTING ROADS**

To:

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See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 5-22-4-1 located in the SW<sup>1</sup>/<sub>4</sub> NW<sup>1</sup>/<sub>4</sub> Section 22, T4S, R1W, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah approximately 3.0 miles to the junction with an existing road to the east; proceed in a easterly and then southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed easterly approximately 0.9 miles to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly and then northwesterly along the proposed access road approximately 6,070' ± to the proposed well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

#### 2. PLANNED ACCESS ROAD

Approximately 6,070' of access road is proposed. See attached Topographic Map "B".

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

# 3. LOCATION OF EXISTING WELLS

Refer to EXHIBIT B.

# LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

# 5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District Water Right: 43-10136

Neil Moon Pond

Water Right: 43-11787

Maurice Harvey Pond Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

# 7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

#### 8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

### 9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

#### **Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

#### 10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

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Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

## b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP: Proposed location: Nolan and Vicki Larsen.
See attached Surface Use Agreement.

#### 12. OTHER ADDITIONAL INFORMATION:

Newfield Production Company requests 6,070' of disturbed area be granted to allow for construction of the planned access road. Refer to Topographic Map "B". A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 990' of disturbed area be granted to allow for construction of the proposed gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C."

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Report waiver for the proposed location is attached.

# **Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 5-22-4-1, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 5-22-4-1 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

# 13. <u>LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:</u>

#### Representative

Name:

Kim Kettle

Address:

**Newfield Production Company** 

Route 3, Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

#### Certification

Please be advised that Newfield Production Company is considered to be the operator of well #5-22-4-1, SW/NW Section 22, T4S, R1W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

2/22/08

Date

13.

Mandie Crozier Regulatory Specialist

**Newfield Production Company** 

Ten Point Well Program
Thirteen Point Well Program
Page 13 of 13

1 ."·

tal. Pa.

1.

#### EXHIBIT D

Wells located on Nolan and Vicki Larsen (Private Land Owner)

# ARCHAEOLOGICAL & PALEOTOLOGICAL REPORT WAIVER

For the above referenced location; Nolan O. Larsen and Vicki Lynn Larsen, the Private Surface Owner. (Having a Surface Owner Agreement with Newfield Production Company)

Nolan Larsen, representing this entity does agree to waive the request from the State of Utah and Bureau of Land Management for an Archaeological/Cultural and Paleotological Resource Survey for any wells covered by the Surface Use Agreement dated 03/14/97 between the above said private land owner and Newfield Production. This waiver hereby releases Newfield Production Company from this request.

Nolan Larsen

Date

Private Surface Owner

Brad Mecham

Newfield Production Company

#### AGE ` 02//03 2687 198:87 1.6389301 h.s

# SURFACE USE AGREEMENT

THIS AGREEMENT, made and entered into by and between Nolan O. Larsen and Vicki Lynn Larsen , individually and as husband and wife, parties of the first part, hereinafter collectively referred to as "Owner", of POB 25 Myton UT 84052, and Inland Production Company, party of the second part, hereinafter referred to as "Inland", of 475 - 17th Street, Suite 1500, Denver, Colorado 80202

#### WITNESSETH:

WHEREAS, Owner is the owner in fee of all or a portion of the surface to the following described lands situated in Duchesne County, Utah, to-wit;

Township 4 South, Range 1 West U.S.M.

Sec 15: SW/4NW/4, NW/4SW/4

Sec 16: S/25W/4, N/25W/4SE/4, NW/4SE/4,

S/2N/2, NE/4SE/4

Sec 17: SE/4SE/4

Sec 19: Lots 1,2,3,4, E/2NW/4, NE/4SW/4,

N/2SE/4SW/4, SW/4SE/4SW/4

Sec 22: SW/4, W/2SE/4, S/2NW/4

Sec 30: Lot 3

Township 4 South, Range 2 West U.S.M.

Sec 11: SE/4NE/4

Sec 14: Lot 2

Sec 22: NW/4

Sec 24: N/2SE/4

WHEREAS, the parties desire to settle their dispute on all claims for use of the surface and damage to crops arising from the drilling, completion and production activities and operations, and agree as to the measure of settlement for operations conducted by Inland on surface owned or controlled by Owner, above described, subject to the terms of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the parties agree as follows:

- a). For wells located on crop land, within thirty (30) days after construction of any drillsite locations, and for access roads upon the surface of crop land owned by Owner, inland shall make a payment to Owner of One Thousand Five Hundred Dollars (\$1,500.00) per acre used by Inland for such drillsite locations and for access roads. Such payment shall be for the use of the surface and damage to crops and shall cover the year in which such construction occurred. Crop land is defined as that which is now cultivated, seeded, harvested and the crop sold.
- b). Following the year in which the well is drilled, on or before September 15 of each calendar year that Inland's operations continue. Inland shall pay to Owner a sum calculated at the rate of 8 tons per acre at \$80,00 per ton for that acreage used by Inland which is out of crop production as it pertains to the drillsite location at the wellhead and such land used as an access road.
- For wells located on non-crop land, within thirty (30) days after construction of any drillsite locations and/or access roads upon the surface of non-crop land owned by Owner, Inland shall make a onetime payment to Owner calculated at the rate of One Thousand Dollars (\$1,000.00) per acre utilized by Inland in its operations.
- a) For pipeline right-of-way construction in which a pipeline is laid through surface owned by Owner, Inland shall make a one-time payment of a sum calculated at a rate of Five Dollars (\$5.00) per running rod; provided, however, as to any part of said pipeline construction which takes place on crop land after commencement of seasonal cultivation but prior to harvest time, the rate shall be calculated at a rate of Ten Dollars (\$10.00) per running rod utilized by Inland in its operations. When requested by Owner, pipelines shall be buried below plow depth and surface areas impacted by the construction shall be rehabilitated, including the reseeding of crop land.
- b). In the event related pipeline facilities such as a compressor site are constructed on crop land owned by Owner, Inland agrees to make a one-time payment to Owner of One Thousand Five Hundred

- 4. Owner agrees that upon receipt of the payments provided for in this Agreement for any future wells that may be drilled on surface owned by Owner, Inland shall be released and discharged from any and all claims, demands and losses arising out of such future operations for crop damage, acreage out of cultivation, interruption or interference with agricultural improvements and other claims.
- 5. For payments to be made and received under this Agreement, Owner agrees to protect, indemnify and save Inland and its employees, agents and contractors free and harmless from and against any and all claims, demands and losses, including costs and attorneys fees, accrued or accruing to Owner, its employees and/or tenants arising directly or indirectly in connection with operations by Inland, its employees, agents and contractors.
- 6. Following the completion of any well, Inland agrees to promptly clean up and maintain all areas of land continuing to be utilized in connection with oil and gas operations and to pay the cost of reclaiming and reseeding upon cessation of use.
- 7. This Agreement shall be binding upon and shall be for the benefit of the successors and assigns of Owner and Inland whether assigned, devised, bequeathed or otherwise transferred in whole or part by either of the parties hereto. The conditions herein contained shall be covenants running with the land.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the 14th day of March 19'97.

SURFACE OWNERS:

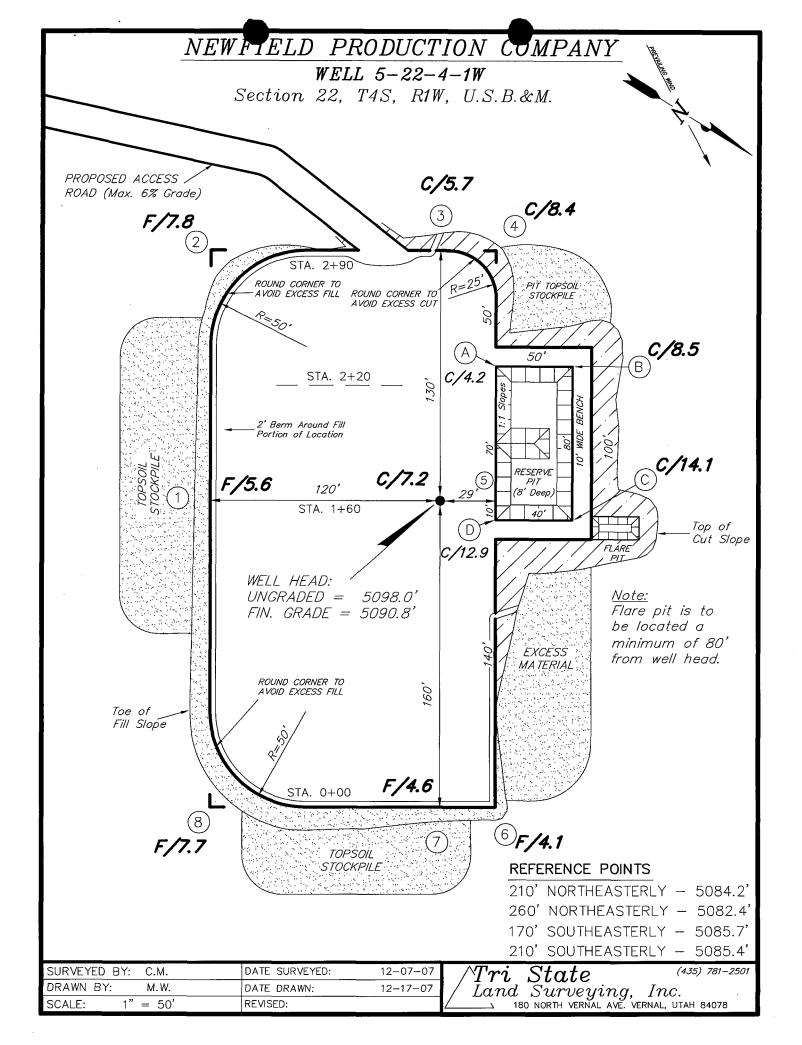
(Nolan 0. Larsen) SSN 529 68 4547

(Vicki Lynn Larsen) SSN 529 76 326 4

INLAND PRODUCTION CUMPANY

Chris A Potter, Attorney-in-Fact

Surface Only
Prospect/Unit name
Lease NO.\_\_\_\_\_



# NEWFIELD PRODUCTION COMPANY CROSS SECTIONS WELL 5-22-4-1W 20, 1" = 50'STA. 2+90 20, STA. 2+20 1" = 50'**EXISTING** GRADE FINISHED GRADE 20, WELL HEAD 1" = 50'STA. 1+60



1" = 50' STA. 0+00

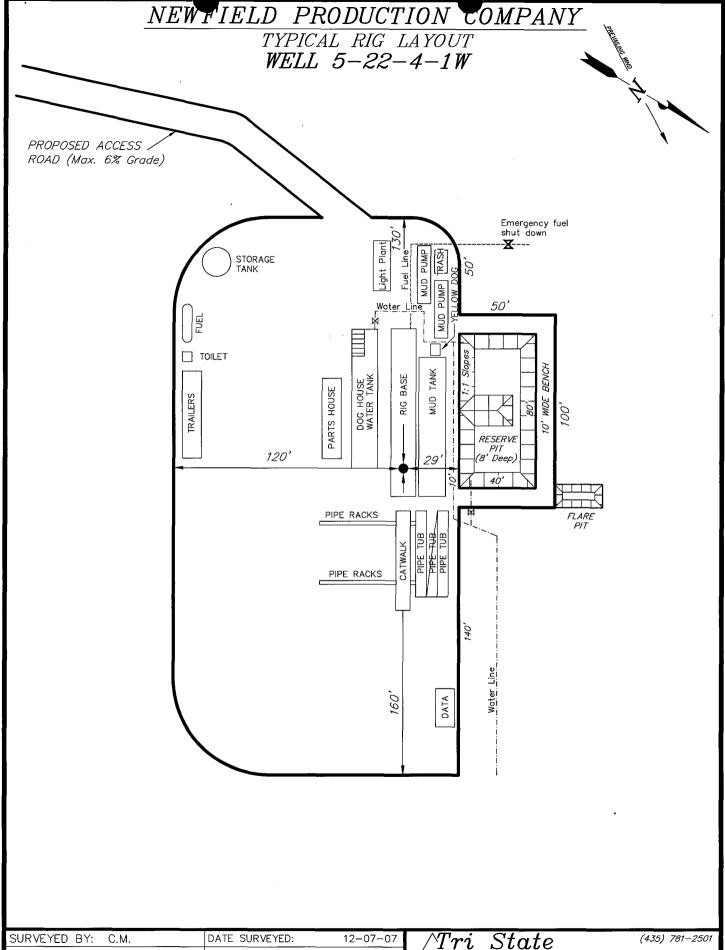
ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,910	4,910	Topsoil is not included	0
PIT	640	0	in Pad Cut	640
TOTALS	5,550	4,910	1,050	640

NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

SURVEYED BY:	C.M.	DATE SURVEYED:	12-07-07
DRAWN BY:	M.W.	DATE DRAWN:	12-17-07
SCALE: 1'	' = 50'	REVISED:	

earrow Tri	State		, ,	781–2501
/ Lane	d Survey	jing,	Inc.	
	180 NORTH VERN	AL AVE. VE	RNAL, UTAH	84078



SURVEYED BY: C.M. DATE SURVEYED: 12-07-07 DRAWN BY: M.W. DATE DRAWN: 12-17-07 Land Surveying, Inc. SCALE: 1"=50' REVISED: 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# Rewfield Production Company Proposed Site Facility Diagram

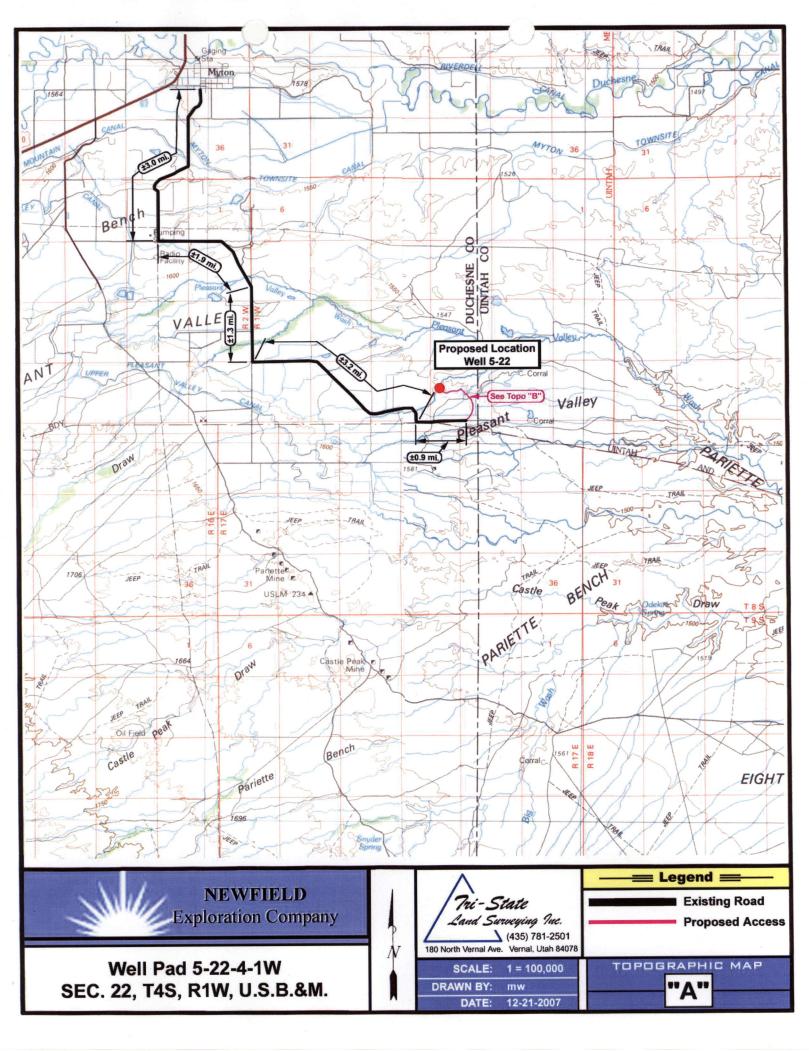
Ute Tribal 5-22-4-1

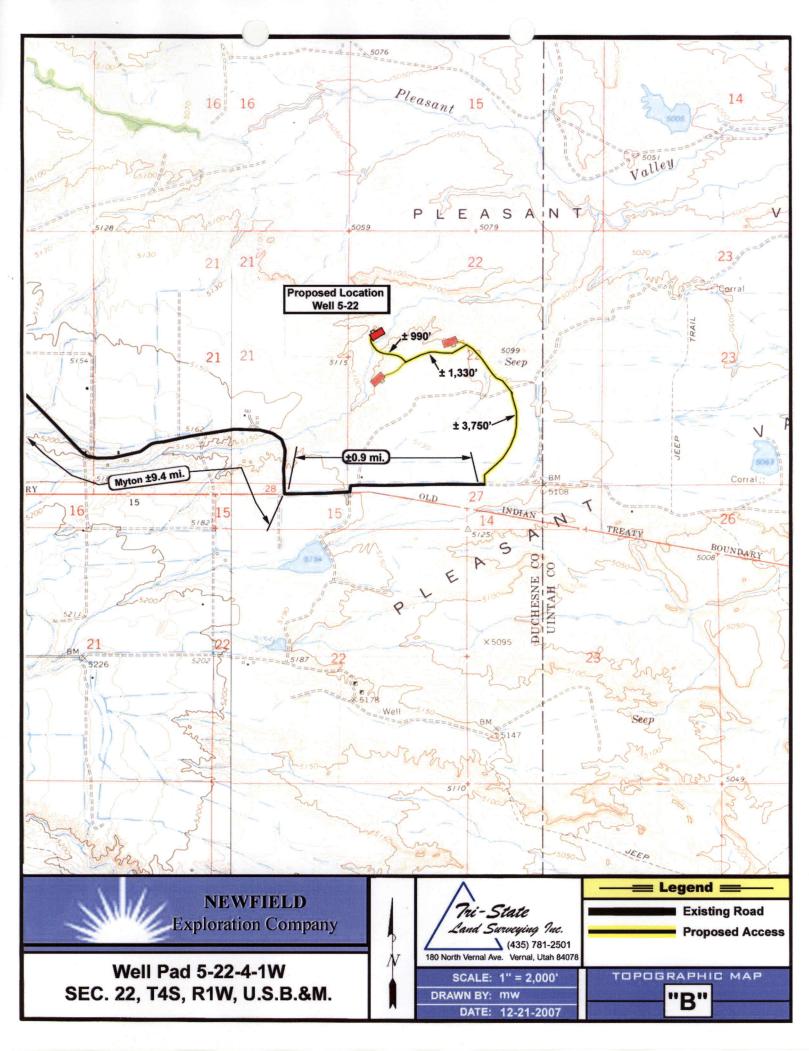
SW/NW Sec. 22, T4S, R1W

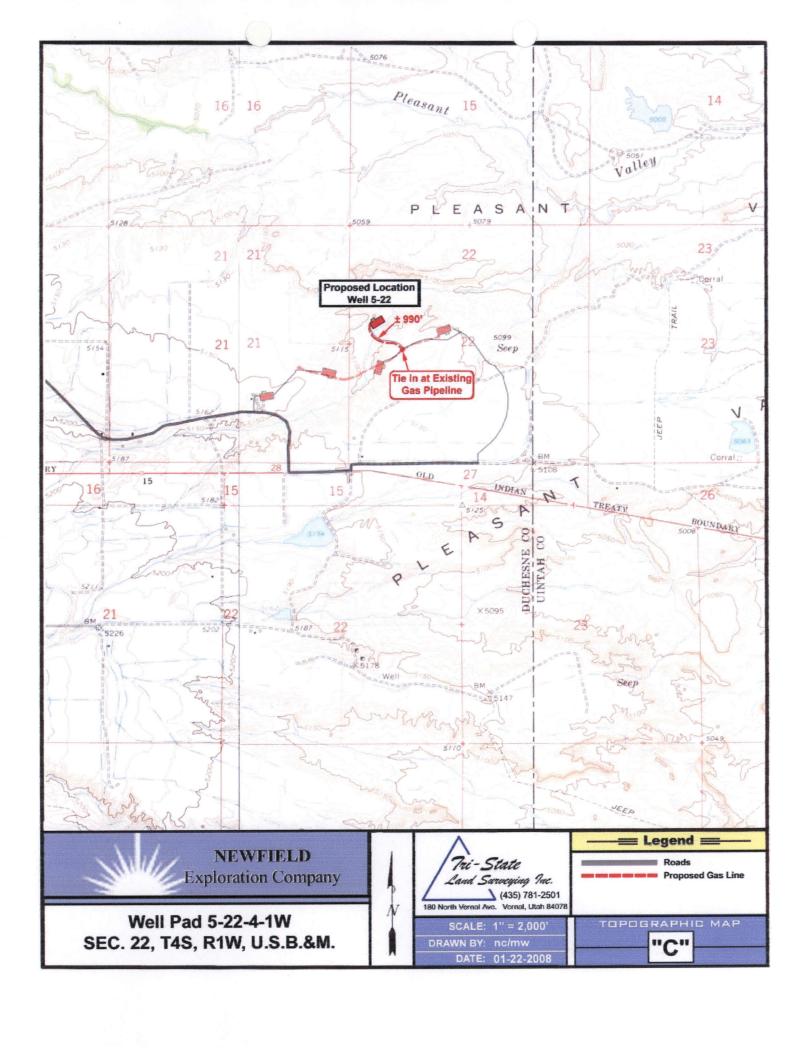
**Duchesne County, Utah** 

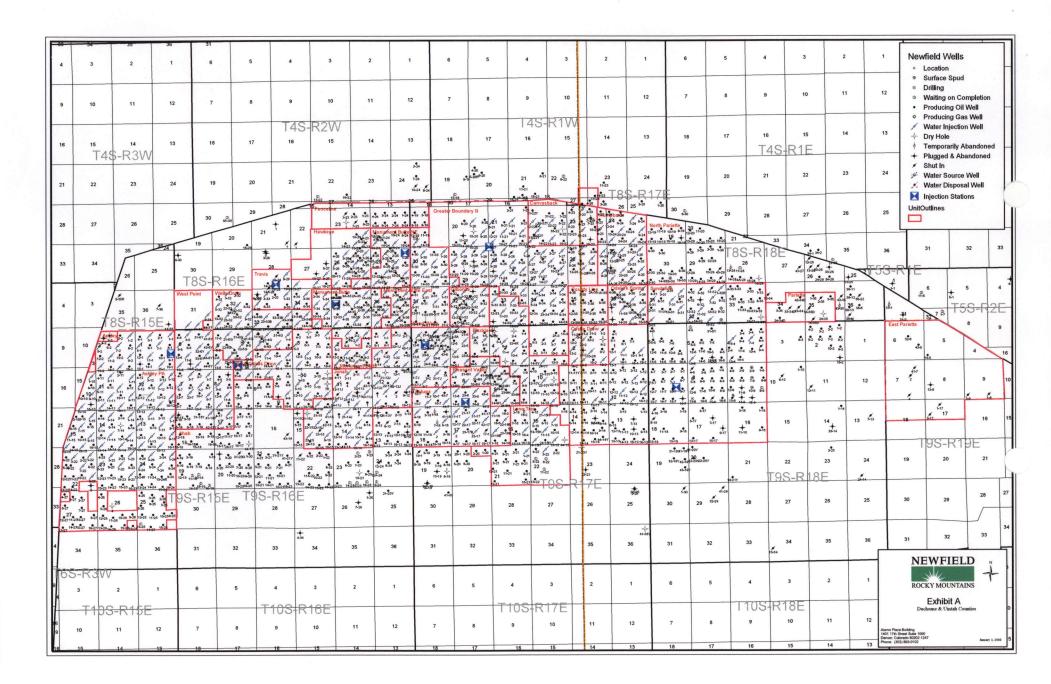
20G0005609

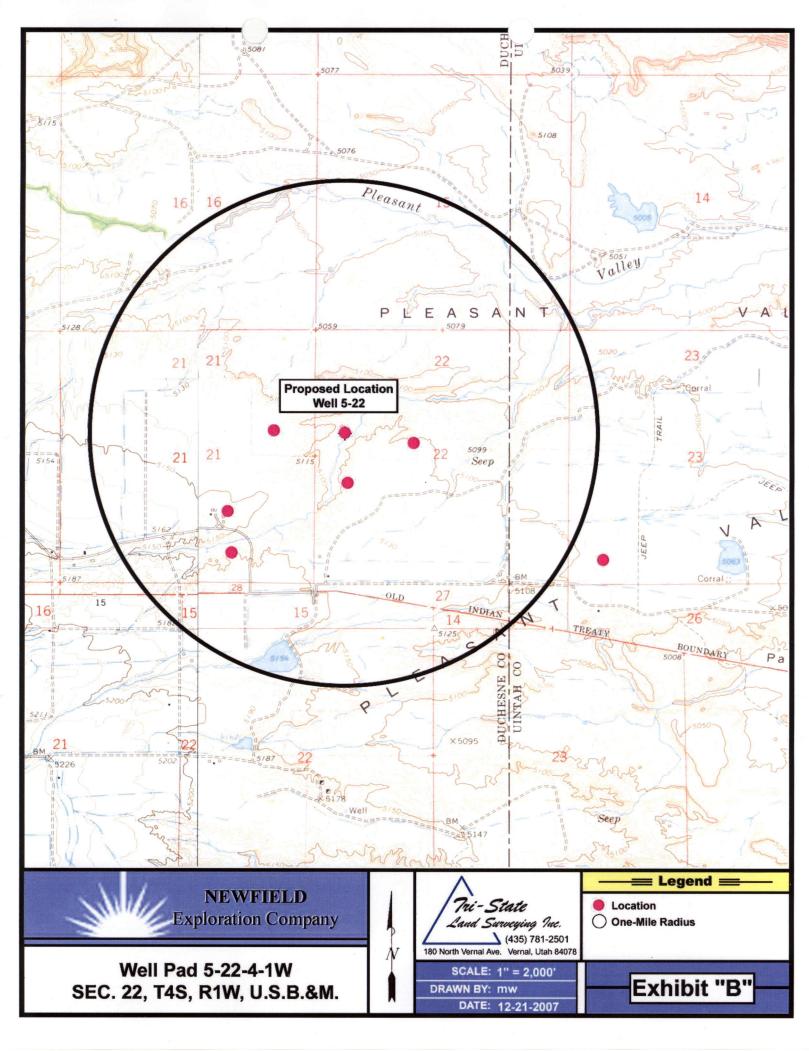
Well Head 55 Gallons Methonol	
	8
Pumping Unit	Legend
165 Gallons	Emulsion Line
Chemical Drum	Load Rack
55 Gallons	Water Line - · - · - · - ·
Pumping Unit  165 Gallons Chemical Drum  55 Gallons Motor Oil  Heater Treater	Gas Sales
	Oil Line
Gas Sales Meter	The state of the s
Water Tank 200 bbl	Production Phase:
	1) Valves 1, 3, and 4 sealed closed
	2) Valves 2, 5, and 6 sealed open
Draduction Tank (2) Load Rac	Sales Phase:
Production Tank (3) - 17 Load Rad	1) Valves 1, 2, 4, 5, and 6 sealed closed
	2) Valve 3 open
	Draining Phase:
(2)	1) Valves 1 and 6 open
Production Tank $3 + \frac{1}{3}$	s <sup>i</sup>
400 bbl (1)	
	Diked Section
	<b>↓</b>





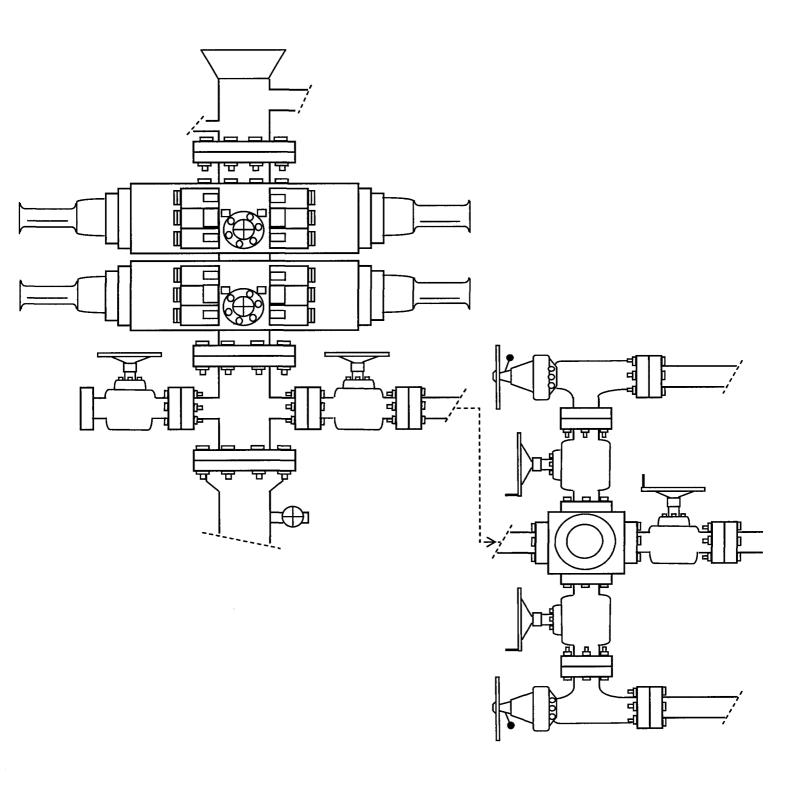






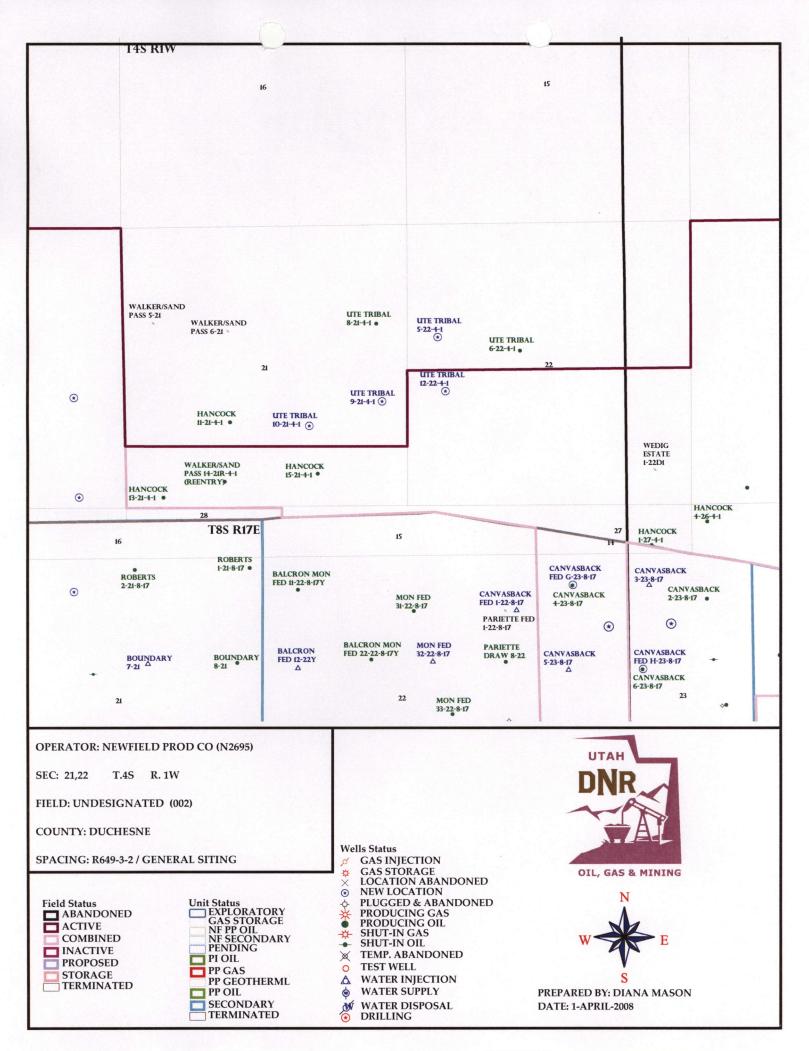
# 2-M SYSTEM

Blowout Prevention Equipment Systems



**EXHIBIT C** 

APD RECEIVED: 03/28/2008		API NO. ASSIG	NED: 43-013	3-33943
WELL NAME: UTE TRIBAL 5-22-4-1  OPERATOR: NEWFIELD PRODUCTION ( N2695 )  CONTACT: MANDIE CROZIER		PHONE NUMBER:	435-646-3721	1
PROPOSED LOCATION:		INSPECT LOCATN	BY: /	/
SWNW 22 040S 010W SURFACE: 2114 FNL 0559 FWL		Tech Review	Initials	Date
BOTTOM: 2114 FNL 0559 FWL		Engineering		10 to
COUNTY: DUCHESNE		Geology		
LATITUDE: 40.12194 LONGITUDE: -109.9893 UTM SURF EASTINGS: 586124 NORTHINGS: 44415	570	Surface		, , 44 % %
FIELD NAME: UNDESIGNATED ( 2	)	<u> </u>	.I	
LEASE TYPE: 2 - Indian  LEASE NUMBER: 20G0005609  SURFACE OWNER: 4 - Fee		PROPOSED FORMAT		Į.
RECEIVED AND/OR REVIEWED:	LOCATIO	ON AND SITING:		,
Plat Bond: Fed[] Ind[2] Sta[] Fee[] (No. WYB000493)	Re	649-2-3.		
NO. WYB000493		649-3-2. Gener		
○ Oil Shale 190-5 (B) or 190-3 or 190-13     ○ Water Permit		iting: 460 From Qt		etween Wells
(No. <u>43-10136</u> )		rilling Unit		
RDCC Review (Y/N) (Date:)		Board Cause No: Eff Date:		
Fee Surf Agreement (Y/N)		Siting:		
100 Intent to Commingle (Y/N)	R	649-3-11. Dire	ctional Dril	.1
comments: Leds Prist	(01-1	7-8%)		
STIPULATIONS: 1- (Federal Street) Street	NA S			
3- STATEM	ENT 8	F BASIS		



# **Application for Permit to Drill** Statement of Basis

4/9/2008

# Utah Division of Oil, Gas and Mining

Page 1

APD No

API WellNo

Status

Well Type

**Surf Ownr** 

**CBM** 

718

43-013-33943-00-00

OW

P

No

Operator

Surface Owner-APD

NEWFIELD PRODUCTION COMPANY Well Name UTE TRIBAL 5-22-4-1

Unit

Field

**UNDESIGNATED** 

Type of Work

Location

SWNW 22 4S 1W U 2114 FNL 559 FWL

GPS Coord (UTM) 586124E 4441570N

#### **Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cementing programs.

**Brad Hill** 

4/9/2008

**APD Evaluator** 

Date / Time

#### Surface Statement of Basis

The proposed location is approximately 11 road miles southwest of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 13 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing oil field development roads. Nine hundred and ninety feet of new construction across Larson's private land will be required to reach the location.

The proposed Ute Tribal 5-22-4-1 oil well location is in Pleasant Valley in broken terrain beyond the edge of a pivot-sprinkled irrigated agricultural field. It is laid out in a cove or a swale that borders a wet swale to the southeast and a ridge to the north that divides two swales. The reserve pit is on this ridge. Excavation from this ridge will be moved to the south into the cove to form the pad. A swale also exists to the north that contains wetland type vegetation. The planned road to the location will require culverts where it crosses two shallow drainages that have minor flows. Fill across some wet areas will also be required. No drainage diversions are needed around the location. The location appears to be in dry stable soils and appears to be a suitable area for drilling and operating an oil well. Approximately 8-12 inches of snow covered the area during the presite..

Mr. Nolan Larson owns the surface of the location. A surface use agreement has been signed. Anna Figueroa of the BLM scheduled and attended the pre-site evaluation. Mr. Larson was not invited. DOGM was invited to attend by Kim Swasey of Newfield, Mr. Larson has waived a cultural resource survey. The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe. Ms. Figueroa had no concerns regarding the location as proposed

The reserve pit will be 40' x 80' x 8' deep located in an area of cut on the northeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Floyd Bartlett

1/17/2008

**Onsite Evaluator** 

Date / Time

# **Application for Permit to Drill Statement of Basis**

Utah Division of Oil, Gas and Mining

Page 2

# Conditions of Approval / Application for Permit to Drill

Category

Condition

Pits

4/9/2008

A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be

properly installed and maintained in the reserve pit.

Surface

The reserve pit shall be fenced upon completion of drilling operations.

### Utah Division of Oil, Gas and Mining

Operator

NEWFIELD PRODUCTION COMPANY

Well Name

UTE TRIBAL 5-22-4-1

API Number

43-013-33943-0

**APD No** 718

**4**S

Field/Unit UNDESIGNATED

Location: 1/4,1/4 SWNW

Sec 22 Tw

Rng 1W

2114 FNL 559 FWL

**GPS Coord (UTM)** 586126

4441588

**Surface Owner** 

#### **Participants**

Floyd Bartlett (DOGM), Kim Swasey (Newfield), Anna Figueroa (BLM). The presite was scheduled by the BLM. The BLM did not invite the landowner to attend

#### Regional/Local Setting & Topography

The proposed location is approximately 11 road miles southwest of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 13 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing oil field development roads. Nine hundred and ninety feet of new construction across Larson's private land will be required to reach the location.

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Mr. Nolan Larson owns the surface of the location. The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe. Ms. Figueroa had no concerns regarding the location as proposed

#### Surface Use Plan

**Current Surface Use** 

Grazing

Agricultural

Wildlfe Habitat

New Road

Miles Well Pad

Src Const Material

**Surface Formation** 

0.2

Width 209

Length 290

Onsite

UNTA

Ancillary Facilities N

# Waste Management Plan Adequate?

#### **Environmental Parameters**

Affected Floodplains and/or Wetland N

#### Flora / Fauna

The area was covered with about 10 inches of snow. Vegetation is a deseret shrub type consisting of horsebrush,

4/9/2008 Page 1

cheatgrass, halogeton, grease wood, broom snakeweed, Russian knapweed giant whitetop, shadscale, Indian ricegrass, Russian olive, curly mesquite, rabbit brush and spring annuals.

Cattle, deer, prairie dogs, small mammals and birds.

#### Soil Type and Characteristics

Moderately deep gravely sandy clay loam.

**Erosion Issues** N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? N Paleo Potental Observed? Cultural Survey Run? N Cultural Resources?

#### **Reserve Pit**

Site-Specific Factors		Site I	Ranking		
Distance to Groundwater (feet)	<25 or recharge area		20		
Distance to Surface Water (feet)	300 to 1000		2		
Dist. Nearest Municipal Well (ft)	>5280		0		
Distance to Other Wells (feet)	300 to 1320		10		
Native Soil Type	Mod permeability		10		
Fluid Type	Fresh Water		5		
Drill Cuttings	Normal Rock	•	0		
<b>Annual Precipitation (inches)</b>	<10		0		
Affected Populations	<10		0		
<b>Presence Nearby Utility Conduits</b>	Not Present		0		
		<b>Final Score</b>	47	1	Sensitivity Level

#### Characteristics / Requirements

The reserve pit will be 40' x 80' x 8' deep located in an area of cut on the northeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

# Other Observations / Comments

Road will require 2 culverts with spot fill across wet spots...

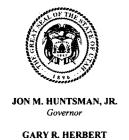
Floyd Bartlett

Evaluator

1/17/2008

Date / Time

4/9/2008 Page 2



Lieutenant Governor

# State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 9, 2008

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

Ute Tribal 5-22-4-1 Well, 2114' FNL, 559' FWL, SW NW, Sec. 22, T. 4 South,

R. 1 West, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33943.

Sincerely,

Xlig 8/7

Gil Hunt

Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal Office



Operator:	Newfield Production Company Ute Tribal 5-22-4-1				
Well Name & Number					
API Number:	43-013-33943				
Lease:	2OG0005609				
Location: SW NW	Sec. 22	T. 4 South	R. 1 West		

### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

## RECEIVED

MAR 2 7 2008

Form 3160-3 (September 2001)

3380 DAY Q (m. . .

Appreciation up to eliminate operations observed Con Charles Western

Tube 18 DSA Secure States only false, standards of the animalities are product

Aprilatifestical and literal The west Arrest of the con-

RIM

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

UNITED STATE	3.5			
DEPARTMENT OF THE	INTERIOR	· · · · · · · · · · · · · · · · · · ·	5. Lease Serial No.	0
BUREAU OF LAND MANA	AGEMENT		6. If Indian, Allottee or	
APPLICATION FOR PERMIT TO D	ORILL OR REENTER			Tribe Name
		<u> </u>	Ute	Managand Ma
1a. Type of Work: DRILL REENT	ER		7. If Unit or CA Agreeme N/A	ent, Name and No.
			8. Lease Name and Well	No.
lb. Type of Well: 🖾 Oil Well 🚨 Gas Well 🚨 Other	Single Zone 🔲 Mul	tiple Zone	Ute Tribal 5-22-4-1	
2. Name of Operator		,	9. API Well No.	
Newfield Production Company			43 613 7	33943
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Exp	loratory
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte	- Lauren wern
"4. Location of Well (Report location clearly and in accordance wi	th any State requirements.*)		11. Sec., T., R., M., or Blk	. and Survey or Area
At surface SW/NW 2114' FNL 559' FWL			SW/NW Sec. 22,	T4S R1W
At proposed prod. zone			347/144V Gec. 22,	14011114
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State
Approximatley 11.4 miles southeast of Myton, Utah		· · · · · · · · · · · · · · · · · · ·	Duchesne	UT
15. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacin	g Unit dedicated to this well	
property or lease line ft	.		40 Acres	
(Also to nearest drig, unit line, if any) Approx. 526' f/lse, NA' f/unit				
18. Distance from proposed location* to nearest well, drilling, completed,	19. Proposed Depth	20. BLM/I	BIA Bond No. on file	
applied for, on this lease, ft. NA	6920'	V	VYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will s	start*	23. Estimated duration	
5098' GL	2nd Quarter 2008		Approximately seven (7) days from	spud to rig release.
्राच्या प्रकार के प्रतिकृति । अपने प्राप्ता के प्रतिकृति ।	24. Attachments			
The following, completed in accordance with the requirements of Ons	shore Oil and Gas Order No.1, shall be	attached to thi	s form:	
1. Well plat certified by a registered surveyor.	4. Bond to cover	the operatio	ns unless covered by an ex	isting bond on file (see
2. Ra Drilling Plan: 36 27	Item 20 above	).	···· •········ • • • • • • • • • • • •	
3. A Surface Use Plan (if the location is on National Forest Syste	em Lands, the 5. Operator certification of the site of		ormation and/or plans as n	nav be required by the
SUPO shall be filed with the appropriate Forest Service Office).	authorized off			
25. Signature	Name (Printed/Typed)		Da	ate
1 James (Nozin	Mandie Crozier			2/22/08
Title Manager				
Regulatory Specialist				
Approved by (Signature)	Name (Printed/Typed)		D	ate
Ly Krush	Jelsy Kenaka		1	7-16-2008
Title Assistant Field Manages	Office	NAL FIE	LD OFFICE	
Application approval does not warrant or certify the the applicant hold	de legal or equitable title to those wights	in the subject	lease which would entitle th	e applicant to conduct
Application approval does not warrant or certify the the applicant not operations thereon.	15 legal of equitable title to those rights	ini ine subject	rease which would charte th	application to conduct
Conditions of approval, if any, are attached.				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false; fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

3. A Suiffle Loss Pla , SUPO shail be file

At John W 25. Sugardites

MOTICE OF APPROVAL 2. Action the floor

**RECEIVED** 

JUL 18 2008

DIV. OF OIL, GAS & MINING



### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

**SWNW, Sec 22, T4S, R1E Company: Newfield Production Company** Location:

2OG0005609 Well No: Ute Tribal 5-22-4-1 Lease No:

43-013-33943 API No: **Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

### **NOTIFICATION REQUIREMENTS**

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)		Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	_	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### **Specific Surface COAs**

Conditions of Approval: Some of these Conditions may also be found in the APD or SOP.

- Surface Disturbing Activities Notification: Notify the Authorized Officer (AO) 48 hours prior to surface disturbing activities.
- Special **Status Plants:** If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Paleontology: If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Paleontology: If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Paint Color: Yuma Green or Juniper Green ( to match Juniper/Pinon background).

#### **General Maintenance:**

The operator shall keep the site well maintained and up-to-date all the time.

#### **Reclamation:**

Interim and Final reclamation will be done to the satisfaction of the surface owner.

 Maximize interim reclamation. Within the pad, reseed all areas not needed for production; only leave room for vehicle access.

#### Interim reclamation seed mix:

Hycrest crested wheatgrass (Agropyron cristatum/desertorum) 2 lbs/acre
Shadscale (Atriplex confertifolia) 3 lbs/acre
Galleta grass (Hilaria jamesii) 3 lb/acre
Fourwing saltbush (Atriplex canescens) 3 lb/acre

Rates are set for drill seeding; double the rate if broadcasting.

#### Final Reclamation:

Once the location has been plugged and abandoned, it shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded with a seed mixture recommended by the A.O. Seed application will follow all guidelines recommended for seedbed preparation, planting, watering, and seedling care after germination.

Final Reclamation Seed mix: Contact BLM Authorized Officer

Page 3 of 6 Well: Ute Tribal 5-22-4-1 7/14/2008

#### **DOWNHOLE CONDITIONS OF APPROVAL**

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

Production casing cement shall be brought up and into the surface.

All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling. variance(s) to Onshore Order #2 Drilling Operations III. E.

automatic igniter or continuous pilot light on the blooie line

requirement waived for ignitor and pilot light

operators blooie line output fluid stream is an aerated water stream

compressors located in opposite direction from the blooie line a minimum of 100 feet

Compressors are truck mounted. Operator's standard practice is to rig up with truck mounted compressors oriented ninety degrees to blooie line. Compressors are truck mounted with spark arresters.

requirement for rotating head equipment

requirement waived for rotating head equipment

subtitution of rotating head equipment with a diverter bowl equipment (drilling without back pressure)

Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface.

A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Page 4 of 6 Well: Ute Tribal 5-22-4-1 7/14/2008

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
   Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: Ute Tribal 5-22-4-1 7/14/2008

#### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be

Page 6 of 6 Well: Ute Tribal 5-22-4-1 7/14/2008

filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or
  abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
  Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
  plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
  casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Cor	npany:	: NEWFIELD PRODUCTION COMPANY							
Well Name	•	UTE TRIBAL 5-22-4-1							
Api No:	43-013-33	943		Lease	Type: <b>IN</b> ]	DIAN	-FEE SURF		
Section 22	Township_	<b>04S</b> R	ange_	01W	_County	DU	CHESNE		
Drilling Cor	ntractor	NDSI		· · · · · · · · · · · · · · · · · · ·	R	[G#_	NS#1		
SPUDDE	D:								
	Date	09/09/0	8						
	Time	11:30 A	<u>M</u>						
	How	DRY		· · · · · · · · · · · · · · · · · · ·					
Drilling wi	II Commen	ce:							
Reported by		Т	ROY	<u>ZUFEIT</u>	,		<del></del>		
Telephone#_			435) 8	23-6013					
Date	09/09/08	Sign	ed	CHD					

FORM 3160-5 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM A	PPROVED
OMB No.	1004-013
Evnison I	Jr. 21 201/

5.	Lease	Serial	No.	

UTE TRIBE EDA 20G000	156

Do not use	this form for proposals to d	rill or to re-enter	an	UTE TRIBE EI	DA 20G0005609
abandoned w	vell. Use Form 3160-3 (APD	) for such propos	als.	6. If Indian, Allot	ttee or Tribe Name.
SUBMIT IN	N TRIPLICATE - Other Ins	tructions on page	2	7. If Unit or CA/A	Agreement, Name and/or
1. Type of Well  Gas Well  Gas Well	Other			9 Well Name and	J N
2. Name of Operator	Culci			8. Well Name and UTE TRIBAL 5	
NEWFIELD PRODUCTION C	OMPANY			9. API Well No.	
3a. Address Route 3 Box 3630	]3	b. Phone (include	are code)	4301333943	
Myton, UT 84052	<u> </u>	435.646.3721		10. Field and Poo	l, or Exploratory Area
4. Location of Well (Footage,	Sec., T., R., M., or Survey Description	on)		MONUMENT I 11. County or Par	<del>, (* - 1                                 </del>
SWNW Section 22 T4S R1W				DUCHESNE, U	UT
12. CHEC	K APPROPRIATE BOX(ES)	TO INIDICATE	NATURE OF 1	NOTICE, OR OT	THER DATA
TYPE OF SUBMISSION		Т	YPE OF ACTIO	N	
Darwin cr.	Acidize [	Deepen	Product	ion (Start/Resume)	☐ Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclam:	ation	☐ Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomp	olete	X Other
_	Change Plans	Plug & Abandon	Tempor	arily Abandon	Spud Notice
Final Abandonment	Convert to Injector	Plug Back	☐ Water D	. •	
yeild. Returned 5 bbls or	ement with 160 sks of class " ement to pit. WOC.	G W/ 3% CACL2 -	- I <i>I4#</i> SK Cello	- Flake Wilxed (b)	15.6 ppg > 1.17 ct/ sk
I hereby certify that the foregoing is	s true and	Title			
correct (Printed/ Typed)		Dailling B			
Ryan Crum Signature	<del>y</del>	Drilling For	anan		
pu Ca	ur	09/17/2008			
	THIS SPACE FOR	FEDERAL OR S	TATE OFFIC	CE USE	
certify that the applicant holds legal or en which would entitle the applicant to cond		lease Offi	çe	Date	
States any false, fictitious and fraudulent	3 U.S.C. Section 1212, make it a crime for statements or representations as to any m	r any person knowingly ar atter within its jurisdiction	id willfully to make to	o any department or age	ency of the United
(Instructions on page 2)	· · · · · · · · · · · · · · · · · · ·			RE	CEIVED

SEP 2 4 2008

## **NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

			8 5/8	CASING SE	TAT	320.36	_		
LAST CASI	NG <u>8 5/8"</u>	set @	320.36	<b>3</b>	OPERATOR	₹	Newfield I	Production C	ompany
DATUM	12' KB						Ute Tribe	5-22-4-1	
DATUM TO	CUT OFF C	ASING _			FIELD/PRO	SPECT	Monumen	t Butte	
DATUM TO	BRADENHI	EAD FLANGE		-		<del></del>		NDSI NS #1	
TD DRILLER	320	LOGG	ER					·····	
HOLE SIZE	12 1/	4		·					
<b></b>	· · · · · · · · · · · · · · · · · · ·								
LOG OF CA	SING STRI	NG:							
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
****									
		Shoe	Joint 44.81'						
,		WHI - 92 cs	g head				8rd	Α	0.95
7	8 5/8"	Maverick ST	Γ&C csg		24#	J-55	8rd	A	308.51
, , , , , , , , , , , , , , , , , , ,			GUIDE	shoe			8rd	Α	0.9
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF ST	RING		310.36
TOTAL LEN	GTH OF ST	RING	308.51		LESS CUT OFF PIECE			2	
LESS NON	CSG. ITEMS	3	1.85		PLUS DATU	IM TO T/CU <sup>-</sup>	TOFF CSG		12
PLUS FULL	JTS. LEFT	OUT	0		CASING SE	T DEPTH			320.36
	TOTAL		306.66		<u> </u>			-	
TOTAL CSG	. DEL. (W/C	THRDS)	306.66		] COMPAR	RE			
TIMING			1ST STAGE						
BEGIN RUN	CSG.	Spud	9/8/2008	11:30 AM	GOOD CIRC	THRU JOB		Yes	_
CSG. IN HOI	LE		9/10/2008	1:00 PM	Bbls CMT CI	RC TO SUR	FACE	5	
BEGIN CIRC			9/13/2008	7:56 AM	RECIPROCA	ATED PIPE I	OR	N/A	
BEGIN PUM	PCMT		9/13/2008	8:09 AM	]		<del></del>		
BEGIN DSPL	CMT		9/13/2008	8:19 AM	BUMPED PL	.UG TO	<del></del>	138	PSI
PLUG DOW	V .		9/13/2008	8:27 AM					
CEMENT US	ED			CEMENT CO	MPANY-	B. J.			
STAGE	# SX			CEMENT TY	PE & ADDITIV	ES ES			
1	160	Class "G" w/	/ 2% CaCL2 + 1	1/4#/sk Cello-f	lake mixed @	15.8 ppg 1.	17 cf/sk yield		
							***************************************	·	
CENTRALIZI	ER & SCRA	TCHER PLAC	CEMENT			SHOW MAK	E & SPACIN	G	
Centralizers	- Middle fi	rst, top seco	nd & third for	3					——————————————————————————————————————
					······································	· · · · · · · · · · · · · · · · · · ·	······································	· · · · · · · · · · · · · · · · · · ·	
						, . <sub>1</sub>	<del></del>		**************************************
							<del></del>	,	
COMPANY R	EPRESENT	TATIVE	Ryan Crum				DATE		9/13/2008

RECEIVED SEP 2 4 2008 FORM 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

Expires: July 31,2010

FORM APPROVED

OMB No. 1004-0137

5. Lease Serial No.

UTE	TRIBE	EDA	20G0005609

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals

_				
í	If Indian	Allottee	or Tribe	Name

CUDMIT IN TRIBLICATE OAL LAND	
SUBMIT IN TRIPLICATE - Other Instructions on page 2	7. If Unit or CA/Agreement, Name and/or
1. Type of Well  Oil Well  Gas Well  Other  One of Operator	8. Well Name and No. UTE TRIBAL 5-22-4-1
NEWFIELD PRODUCTION COMPANY  3a. Address Route 3 Box 3630  Myton, UT 84052  3b. Phone (include are code)  435,646,3721	9. API Well No. 4301333943 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  SWNW Section 22 T4S R1W	MONUMENT BUTTE  11. County or Parish, State  DUCHESNE, UT
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE C	OF NOTICE, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACT	TON
Notice of Intent  Alter Casing  Fracture Treat  Rec  Subsequent Report  Casing Repair  New Construction  Rec  Change Plans  Plug & Abandon  Tem	duction (Start/Resume)    Water Shut-Off
Fired Abandonment	ter Disposal

proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final

On 9/18/08 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 7000'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 176 jt's of 5.5 J-55, 15.5# csgn. Set @ 7003' / KB. Cement with 375 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 475 sks cement mixed @ 14.4 ppg & 1.24 yld. With 0 bbls cement returned to pit. Nipple down Bop's. Drop slips @110,000 #'s tension. Release rig 1:00 AM 9-27-08

> RECEIVED OCT 0 6 2008

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)  Rvan Crum_2	Title Drilling Foreman								
Signature Caul	Date 09/27/2008								
THIS SPACE FOR FEDERAL OR STATE OFFICE USE									
Approved by	Title	Date							
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	Office							
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p States any false, fictitious and fraudulent statements or representations as to any matter w	***	to any department or agency of the United							

(Instructions on page 2)

## **NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

			5 1/2"	CASING SET	AT	7003.02	_				
					Fit clir @	6962.79					
LAST CASIN	NG 8 <u>5/8"</u>	Set @	328.09	)	OPERATOR		Newfield I	Production	Company		
DATUM	12' KB				WELL		Ute Tribal	5-22-4-1			
DATUM TO	CUT OFF C	ASING _	12'		FIELD/PROS	SPECT _	Monumen	t Butte			
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	OR & RIG#		Patterson :	<b>#</b> 155		
TD DRILLER	7000	TD loggers									
HOLE SIZE	7 7/8"										
<u> </u>		<del></del>							<u> </u>		
LOG OF CA	SING STRIN	IG:									
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH		
		Landing Jt			<u> </u>				0		
		Short jt		6.53' @ 4785.	46'						
175	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	6964.79		
				***************************************					0.6		
1	5 1/2"	ETC LT&C			15.5#	J-55	8rd	Α	38.98		
			GUIDE	shoe			8rd	Α	0.65		
CASING INV	ENTORY BA	AL.	FEET	JTS	TOTAL LENG	GTH OF STI	RING		7005.02		
TOTAL LENG	STH OF STE	RING	7005.02	176	LESS CUT OFF PIECE						
LESS NON C	SG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG						
PLUS FULL	JTS. LEFT C	DUT	156.26	4	CASING SET DEPTH 7003.0						
	TOTAL	Y	7146.03	180	1						
TOTAL CSG	DEL. (W/O	THRDS)	7146.03	180	] } COMPARE						
TIMING	T. 24		1ST STAGE	2nd STAGE	]						
BEGIN RUN	CSG.		9/26/2008	11:00 AM	GOOD CIRC THRU JOB Yes						
CSG. IN HOL	E		9/26/2008	4:00 PM	Bbls CMT CIRC to surface 0						
BEGIN CIRC			9/26/2008	5:00 PM	RECIPROCATED PIPE FORTHRUSTROKE						
BEGIN PUM	CMT		9/26/2008	6:35PM	DID BACK PRES. VALVE HOLD ? Yes						
BEGIN DSPL	CMT		9/26/2008	7:31 PM	BUMPED PL	UG TO		2005	PSI		
PLUG DOWN	1		9/26/2008	8:00 PM							
CEMENT US	ED			CEMENT COM	MPANY- I	B. J.					
STAGE	# SX			CEMENT TYP	E & ADDITIV	ES					
1	375	Premlite II w	/ + 3 % KCL, 5	#'s /sk CSE + 2	# sk/kolseal +	5SMS+FP-	+SF				
		mixed @ 11.	.0 ppg W / 3.49	cf/sk yield							
2	475	50/50:2 W/ 2	2% Gel + 3% K	CL,.5%EC1,1/4	1# skC.F.2%S	F+.3% SMS	+FP-6L mixe	ed @14.4 ppg	W/ 1.24YLD		
CENTRALIZE	R & SCRAT	CHER PLAC	EMENT			SHOW MAK	E & SPACIN	G			
Centralizers	- Middle fir	st, top seco	nd & third. Th	en every thir	d collar for a	total of 20.			W-42		

COMPANY REPRESENTATIVE Ryan Crum DATE 9/24/2008					
	COMPANY REPRESENTATIVE	Ryan Crum	DATE	9/24/2008	

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AN		5. LEASE DESIGNATION AND SERIAL NUMBER: UTE TRIBE EDA 20G0005609
SUNDR	Y NOTICES AND REPO	OPTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			7. UNIT or CA AGREEMENT NAME:
wells, or to drill horizon	rill new wells, significantly deepen existing wells be tal laterals. Use APPLICATION FOR PERMIT TO	D DRILL form for such proposals.	
1. TYPE OF WELL: OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	TO GAS WILLS TO STILL	Andrew Control of the	UTE TRIBAL 5-22-4-1  9. API NUMBER;
NEWFIELD PRODUCTION CO	MPANY		4301333943
3. ADDRESS OF OPERATOR:		PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
Route 3 Box 3630  4. LOCATION OF WELL:	CITY Myton STATE UT	ZIP 84052 435.646.3721	MONUMENT BUTTE
FOOTAGES AT SURFACE:			COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE	E. MERIDIAN: SWNW, 22, T4S, R1W		STATE: UŢ
	PRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
☐ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAIR
SUBSEOUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of Work Completion:	CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF
•	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	X OTHER: - Weekly Status Report
11/18/2008	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show a	all pertinent details including dates, depths, v	rolumes, etc.
The above subject well wa	as completed on 10/24/08, attached is	s a daily completion status report.	
NAME (PLEASE PRINT) Jentri Park	1	TITLE Production Clerk	
MAINE (PLEASE PRINT) JOHN IT dik	MANIA	TITLE Production Clerk	
SIGNATURE	WW   / ( )	DATE 11/18/2008	
(This space for State use only)	/	* 55	

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## **Daily Activity Report**

Format For Sundry
UTE TRIBAL 5-22-4-1
8/1/2008 To 12/30/2008

10/8/2008 Day: 1

Completion

Rigless on 10/7/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6908' & cement top @ 210'. Perforate stage #1, BSLCARB sds @ 6810-16', 6782-94', 6768-78', 6758-62', 6730-40' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 168 shots. 165 bbls EWTR. SIFN.

10/15/2008 Day: 2

Completion

Rigless on 10/14/2008 - MIRU BJ Services "Ram Head" frac flange. RU BJ & frac BSL CARB sds in 538 bbls of Lightning 30 frac fluid. Open well w/ 540 psi on casing. Perfs broke down @ 3085 psi back to 2744 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 3600 w/ ave rate of 19 bpm. Pumped 280 bbls of pad, psi @ 3827 @ 18 bpm. Went to water. Pressure dropped as fluid weight lowered in casing. 3551 psi @ 18 bpm when went to flush. Spot 12 bbls of 15% HCL acid in flush in perfs. ISIP was 2771. 538 bbls EWTR. Leave pressure on well. SIFN.

10/16/2008 Day: 3

Completion

Rigless on 10/15/2008 - RU BJ & frac BSL CARB sds, stage #1 w/ 59,722#'s of 20/40 sand in 1284 bbls of Lightning 17 frac fluid. Open well w/ 2164 psi on casing. Perfs broke down @ 2164 psi. Treated @ ave pressure of 2950 w/ ave rate of 23 bpm w/ 4 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3193. 1987 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 8' perf gun. Set plug @ 6680'. Perforate CP5 sds @ 6610-18' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 32 shots. RU BJ & frac stage #2 w/ 23,804#'s of 20/40 sand in 385 bbls of Lightning 17 frac fluid. Open well w/ 2380 psi on casing. Perfs broke down @ 2439 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2457 w/ ave rate of 23 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2546. 2372 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 6565'. Perforate CP4 sds @ 6536-44' w/ 4 spf for total of 32 shots. RU BJ & frac stage #3 w/ 28,966#'s of 20/40 sand in 424 bbls of Lightning 17 frac fluid. Open well w/ 2259 psi on casing. Perfs broke down @ 2561 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2423 w/ ave rate of 23 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2737. 2796 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 6' perf gun. Set plug @ 6490'. Perforate CP3 sds @ 6464-70' w/ 4 spf for total of 24 shots. RU BJ & frac stage #4 w/ 24,693#'s of 20/40 sand in 385 bbls of Lightning 17 frac fluid. Open well w/ 2135 psi on casing. Perfs broke down @ 2560 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2356 w/ ave rate of 23 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2207. 3181 bbls EWTR. Leave pressure on well. BJ blender broke down. SIFN.

10/17/2008 Day: 4

Completion

Rigless on 10/16/2008 - RU WLT. RIH w/ frac plug & 14', 8', 8' perf guns. Set plug @ 6425'. Perforate CP2 sds @ 6378-92', CP1 sds @ 6356-64', CP.5 sds @ 6332-40' w/ 4 spf for total of 120 shots. RU BJ & frac stage #5 w/ 75,899#'s of 20/40 sand in 635 bbls of Lightning 17 frac fluid. Open well w/ 1360 psi on casing. Perfs broke down @ 1852 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 1750 w/ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2361. 3816 bbls EWTR, Leave pressure on well. RU WLT. RIH w/ frac plug & 8', 4', 8' perf guns. Set plug @ 5830'. Perforate C sds @ 5724-32', 5714-20', D3 sds @ 5652-60' w/ 4 spf for total of 80 shots. RU BJ & frac stage #6 w/ 38,554#'s of 20/40 sand in 463 bbls of Lightning 17 frac fluid. Open well w/ 1682 psi on casing. Perfs broke down @ 1955 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 1666 w/ ave rate of 23 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1909. 4279 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8', 10', 12' perf guns. Set plug @ 5150'. Perforate GB6 sds @ 5038-46', GB4 sds @ 4990-5000', 4952-64' w/ 4 spf for total of 120 shots. RU BJ & frac stage #7 w/ 96,701#'s of 20/40 sand in 692 bbls of Lightning 17 frac fluid. Open well w/ 1447 psi on casing. Perfs broke down @ 1697 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 1438 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1865. 4971 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 771 bbls rec'd. SIFN.

#### 10/21/2008 Day: 5

Completion

Nabors #823 on 10/20/2008 - MIRUSU. Open well w/ 575 psi on casing. Flow well for 1.5 hours to rec'd 120 bbls fluid & well turned to oil. RU Perforators LLC. WLT & lubricator. RIH w/ Weatherford 5-1/2" (6K) solid composite plug. Set plug @ 4850'. RD WLT. RD Cameron BOP's & frac head. Instal 3K production tbg head & Schaefer BOP's. Tally, pickup & TIH w/ 4-3/4" mill & x-over sub, new J-55, 2-7/8", 6.5# tbg off racks to leave EOT @ 2340'. SIFN.

#### 10/22/2008 Day: 6

Completion

Nabors #823 on 10/21/2008 - Open well w/ 350 psi on casing. Continue pickup tbg & TIH. Tag plug @ 4850'. RU swivel, pump & tanks. Drlg out solid plug. TIH w/ tbg to tag plug @ 5150'. Drlg out plug #1. TIH w/ tbg to tag plug @ 5830'. Drlg out plug #2. Leave EOT @ 6230'. SIFN.

#### 10/23/2008 Day: 7

Completion

Nabors #823 on 10/22/2008 - Open well w/ 250 psi on casing. Continue pickup tbg & TIH. Tag sand 10'. C/O to plug @ 6425'. RU swivel, pump & tanks. Drlg out plug #3. TIH w/ tbg to tag plug @ 6490'. Drlg out plug #4. TIH w/ tbg to tag plug @ 6565'. Drlg out plug #5. TIH w/ tbg to tag plug @ 6680'. Drlg out plug #6. TIH w/ tbg to tag sand 113'. C/O to PBTD @ 6963'. Leave EOT @ 6816'. RU swab equipment. Made 21 run to rec'd 147 bbls fluid. Last run showed trace of oil w/ no sand. IFL was surface. FFL was 900'. SIFN.

#### 10/24/2008 Day: 8

Completion

Nabors #823 on 10/23/2008 - Open well w/ 450 psi on casing. Flow well back. Well flowing oil. Circulate 200 bbls water. Well still flowing. Pumped 120 bbls brine total. Circulate 80 bbls of 10# brine water. TOOH w/ tbg. LD mill & x-over sub. TIH w/ NC, 1 jts tbg, SN, 3 jt tbg, 217 jts tbg. RD BOP's. Set TA @ 6700' w/ 16,000#'s tension w/ SN @ 6793' & EOT @ 6824'. SIFN.

10/25/2008 Day: 9

Completion

Nabors #823 on 10/24/2008 - Open well w/ 0 psi on casing. Flush tbg w/ 50 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 20' new CDI RHAC pump w/ 187"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 146- 3/4" plain rods, 99- 7/8" guided rods, 2' x 7/8" pony rod, 1-1/2" x 26' polished rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 6PM w/ 102"SL @ 5 spm. Final Report.

**Pertinent Files: Go to File List** 

Form 3160-4 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG	WELL	COMPLETION	OR RECOMPLETION	REPORT AND LOG
--	------	------------	-----------------	----------------

	. '	WELL	COMP	PLET	<b>TON OR</b>	RECOMPI	ET	ION R	<b>EPORT</b>	AND L	.OG			5.	Lease S	erial No.			
					······································									20	G0005	609			
la. Type o	of Well of Completi	ion: 🔲		ıı E	Gas Well Work Ove	Dry Deepen		Other Plug Bacl	k 🛭 Di	ff. Resvr.,				רט	E TRII	n, Allottee or BAL CA Agreeme			
0. 1	60		Other:												E TRI		ni nam	e and No.	
NEWFIE	of Operator LD EXPL	ORATIO	ON COM	1PAN	Υ											ame and Wel BAL 5-22-4			
3. Addres		H ST. SUI	TE 1000 D	ENVER	R, CO 80202				3a. Phone (435)646		ude ar	ea coa	(e)		AFI We -013-3				
4. Locatio	n of Well	(Report l	ocation c	learly (	and in accor	dance with Fed	deral	requirem	ents)*	7-0121			·			nd Pool or Ex	cplorate	ory	
A t as well								-	·					MC	DNUME	ENT BUTTE	Ξ		
At Sui I	<sup>ace</sup> 2114'	FNL &	559' FW	'L (SV	V/SW) SE(	C. 22, T4S, R	1W							11.	Sec., T Survey	., R., M., on I or Area SEC		ind S, R1W	
At top p	rod, interva	al reporte	d below											12.	County	or Parish		3. State	_
At total		00'												ρu	CHES	NE	υ	JΤ	
14. Date S 09/09/20				Date 9/25/2	T.D. Reach	ed		16.	Date Com			2008 o Prod				ons (DF, RK 5110' KB	B, RT,	GL)*	
18. Total I	•	D 700				ug Back T.D.:		D 6963					idge Plu		MD	3110 KB			
21. Type	Electric & C	VD Other Mec	hanical L	ogs Rui	n (Submit co	py of each)	TY	VD	kc u	L 1 2	22. W	log we	l cored?	Z	TVD	Yes (Submi	t analua	:	
DUAL IN	D GRD, S	SP, CON	/IP. DEN	ISITY	COMP. N	EUTRON, GE	)   Y R.C/	ND Z.	CMT BO	ND 12.1	id W	Vas DS	Γrun?	<b>Z</b> 1		Yes (Submi	•	,	
					ngs set in we		-,			ND D	h D	irectio	nal Surve	y? <b>[7</b> ] 1	No [	Yes (Submi	t copy)		_
Hole Size	. 1		Wt. (#/ft.		Top (MD)	Bottom (M	(D)		Cementer epth	No. o Type o				y Vol. BL)	Cen	nent Top*		Amount Pulled	
12-1/4"	8-5/8" .	J-55	24#		·	320'			Сри	160 CL			(B.	DL)	210'				
7-7/8"	5-1/2" .	J-55	15.5#			7003'			·	375 PR									_
										475 50/	/50 P	oz							_
	ļ							<u> </u>											
24. Tubing	Record			<u>. L                                   </u>		1		<u> </u>											
Size		Set (MI	) Pac	ker De	pth (MD)	Size		Depth S	et (MD)	Packer De	epth (I	MD)	Siz	ze	Dep	th Set (MD)	P	acker Depth (MD)	
2-7/8"		@ 6825	TA @	5701	1'														
25. Produc	ing Interval Formation				Гор	Bottom			erforation I		50	38	ize	l No. 1	loles	<del> </del>	Dorf	Status	
A) GIF	ZRV					Dottom			ARB) 673			.49"	ize	4	10165	168	ren.	Status	_
B) De	x OD	erat	DY						610-6618			.49"	*****	4		32			_
C)								(CP4) 6	536-654	4'		.49"		4		32	······		
D)	-							(CP3) 6	464-6470	יכ		.49"		4		24			
27. Acid, F	racture, Tre Depth Inter		Cement S	queeze	e, etc.					mount an	4 Tv.	o of N	atamia1						
6730-6816			Ir	538	bbls of ligh	ntning 30 frac	flui	d. Frac v						liahtnin	17 fli	ıid			
6610-661	3'					0/40 snd 385			<del></del>						9 11 11		· · · · ·		_
6536-6544	<u> </u>		F	rac w	/ 28966# 2	0/40 snd 424	4 bb	ls fluid											
6464-6470 28. Product		al A	<u> </u> F	rac w	/ 24693# 2	0/40 snd 385	5 bb	ls fluid											
Date First	Test Date	Hours	Test		Oil	Gas	Wa	ter	Oil Grav	itv	Gas		Prod	uction M	lethod				
Produced 10/24/08	44/44/00	Tested	Produ	ction	BBL	MCF	BBI	Ĺ	Corr. AP		Grav					20' RHAC P	ump v	v/ SM Plunger	
Choke	11/14/08 Tbg. Press.		24 Hr		44 Oil	15 Gas	0 Wai	tor	Gas/Oil	<del> </del>	NV-1	l Statu							
Size	, –	Press.	Rate	· •	BBL	MCF	BBI		Ratio			ODU							
28a. Produc					<u> </u>	I					1								
Date First Produced	Test Date	Hours Tested	Test Produ	ction	Oil BBL	Gas MCF	Wat BBI		Oil Gravi Corr. AP		Gas Grav		Prod	uction M	ethod				
Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate		Oil BBL	Gas MCF	Wat BBI		Gas/Oil Ratio		Well	Statu	<del>.    </del>	₹EC	ΕIV	ED 🖁			_
*(See instru		spaces fo	or additio	hal dat	2 07 222 2	- nuino	<u> </u>			· · · · · · · · · · · · · · · · · · ·		 <del> </del>		NOV :	252	2008			
LUCC HINLE	records and	ALTOURN II	n acception	uai (12†	a un nage 7														

28b. Proc	luction - Inte	erval C				<del></del>					
Date First		Hours	Test	Oil	Gas	Water	Oil Gra	vity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr. A		Gravity		
		<u> </u>	<b>-</b>								
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas	Water	Gas/Oil		Well Status		
Size	SI SI	i icss.	Kale	DDL	MCF	BBL	Ratio				
20 P I	<u> </u>	<u> </u>		<u> </u>						*****	
Date First	uction - Inte Test Date	Hours	Test	Oil	Gas	Water	Oil Gra	vity	Gas	Production Method	****
Produced		Tested	Production	BBL	MCF	BBL	Cort. Al		Gravity	i roduction Memod	
		1	<b> </b>		İ						
Choke	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status	· <del>  </del>	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio				
***			<b>—</b>								
29. Dispos	sition of Gas	(Solid, us	ed for fuel, ve	nted, etc.)							
USED FOR											
30. Summ	ary of Poro	us Zones (	(Include Aqui	fers):					31. Formatio	n (Log) Markers	
Show a	ll important	zones of p	orosity and co	ontents the	reof: Cored	intervals and all	l drill-stem t	ests.	0501001		
includir	ng depth inte	erval tested	i, cushion use	d, time to	ol open, flowi	ng and shut-in p	pressures an	ď	GEOLOGIC	CAL MARKERS	
recover	ies.										
_											Тор
Form	nation	Тор	Bottom		Desc	riptions, Conte	nts, etc.			Name	Meas. Depth
											name. Dopur
									GARDEN GUL GARDEN GUL		4454' 4652'
				-					GARDEN GUL POINT 3	CH 2	4772' 5566'
	1		İ						X MRKR Y MRKR		5305' 5337
									DOUGALS CR BI CARBONAT		5478' 5789'
				1							
	1			İ					B LIMESTON N CASTLE PEAK		5918' 6299'
									DACAL 04550		6708'
									BASAL CARBO TOTAL DEPTH		not marked'
			İ	1					<b>10/4-6</b>		6833'
				j					Wasatch TD		6998'
32 Additio	nal remarks	(include p	lugging proce	dure):			•	<del></del>			
(CP2) 637	'8-92', (CP	1) 6356-	64', (CP.5)	6332-40	.49" 4/120	6332-6392' F	rac w/ 758	399# sand	l in 635 bbls	of fluid.	
(C) 5724-3	32', 5714-2	20', (D3) :	5652-5660'	.49" 4/80	5652-573	2' Frac w/ 385	554# sand	in 463 bb	ls of fluid.		
(GB6) 503	56-5U46, (C	<i>5</i> 64) 499	10-5000', 49	52-4964	.49" 4/120	4952-5046' F	-rac w/ 96	/01# sand	in 692 bbls	of fluid.	
								···	<u>.</u>		
33. Indicate	which item	s have bee	n attached by	placing a	check in the	appropriate box	es:				
☐ Electr	ical/Mechani	ical Logs (1	l full set req'd.	)		Geologic Report		DST Report	: [	Directional Survey	
Sundr	y Notice for	plugging ar	nd cement veri	fication		Core Analysis		Other:			
34 I hereby	certify that	the forego	ing and attack	ed inform	nation is com	alete and correc	t as datarmi	ned from al	l available rec	ords (see attached instructions	•)*
	ne (please pi			.~~ 11110111		note and confec	_			oras (see anaenea msu aenons	",
	. 4	las	270 1 00					duction C	ICIK	4	
Sign	nature <u>W</u>	MIM	A JOHN	<i>-</i>		··	Date 11/1	18/2008			
								****			
ritie 18 U.S. Palse fictitio	C. Section 1	OUI and T	itle 43 U.S.C	Section	1212, make it	a crime for any	person kno	wingly and	willfully to m	ake to any department or ager	ncy of the United States any

(Continued on page 3) (Form 3160-4, page 2)